29th RA. Bill.

014-22-000002.

D4.

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. Annual Maintenance of Street lights Package D-4 639844

Name of work in Bagalagunte ward no 14. From 01.06.2024 To 30.06.2024.

Name of Contractor of nature of Agency M/s. Ningegowda (Chowdeshwari Electricals)

Date of commencement of work EE/E1e/D2/TEND/SAG/II/04/2023-24 Dt: 15.03.2024
~~EE/E1e/D2/TEND/SAG/II/04/2023-24~~ Dt: 15.03.2024.

Date	Full description, etc, of work	Dimensions.				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2.	Operation & Maintenance of Street lighting System including replacement of damaged/ failed/ fused/ out components like lamps, Tubes, Chokes, Ignitors, Capacitors, Switches, wires, Holders, Starters, and switching ON/Off of Street lights at Specified timing and pole numbering, Preparing wardwise, Streetwise data bank furnishing maintenance reports, everyday etc, complete So as to ensure efficient burning of Street lights detailed in tender documents for various type of Street lighting Systems as detailed below. 125W HPMV Park lighting System.	104 Nos	x Rs. 63.00	x 1 Month	= 6552.00		

Assistant Engineer (E1e)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER
Bruhath Bangalore Mahanagara

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3. Operation & Maintenance of Street lighting System including replacement of damaged/failed/fitted out components like Lamps, Tubes, Chokes, Ignitors Capacitors, Switches, Holders, Starters and Switching ON/OFF of Street lights at Specified timing and pole numbering, preparing ward wise, Street wise data bank furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender documents for various type of Street lighting Systems as detailed below poles with 250w HPSV Street lighting System.						
	2642 NOS x Rs. 84.16 x 1 Month = 222350.72						
	4. Operation & Maintenance of Street lighting System including replacement of damaged/failed/fitted out components like Lamps, Tubes, Chokes, Ignitors.						

Assistant Engineer (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST. EXECUTIVE ENGINEER (ELE)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

EE (Ele)
DZ

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. 689845

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Capacitors, Switches, Tubes, Holders, Starters and Switching ON/OFF of Street lights at Specified timing and pole numbering, Preparing ward wise, Street wise data bank furnishing maintenance reports every day etc., complete so as to ensure efficient burning of Street lights detailed in tender documents for various type of Street lighting Systems as detailed below 400 watts HPSV Street light/High mast lighting System.						
	1280 NOS x Rs. 93.16 x 1 Month =						11924.48.
	5. Operation & Maintenance of LED Street lighting System including Replacement of damaged/failed						

Assistant Engineer (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST. EXECUTIVE ENGINEER (ELE)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Fused cost components like LED drivers, MCPCB, Surge protective device, Switches, wires, Holders, Starter observing weather proofing technic conforming to IP 65 Standards and Switching ON/OFF of Street lights at Specified timing and pole numbering, Preparing ward wise, Street wise Street light data banks, furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender documents for 40 watt to 65 watt LED parts / Street lighting System.						
		168 NO'S	X Rs. 73.35	X 1 Month	=	12319.44.	
6.	Operation & Maintenance of LED Street lighting System including replacement of damaged / failed / fused cost components like LED drivers, MCPCB, Surge protective device, Switches, wires, holders, Starters observing						

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike

M. A. R. 57 (Rule 116) No. E
Measurement Book

Serial No. .....
689846
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Weather Proofing technic Conforming to IP 65 standard and Switching ON/OFF of Street lights at Specified timing & pole numbering, Preparing ward wise, Street wise Street light data banks, furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of Street lights detailed in tender documents for 40 watt to 65 watt LED Street light lighting System).						
		266 NOS	X Rs. 95.58	X 1 Month	=	25328.70.	
7.	Operation & Maintenance of LED Street lighting Systems including replacement of damaged / failed / fused cost components like LED drivers, MCPCB, Surge protective device, Switches, wires, Holders, Starter observing weather proofing technic Conforming						

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER
Bruhath Bangalore Mahanagara P
Dasarahalli Zone, Bangalore

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wiring to IP 65 Standard and Switching ON/OFF of Street lights at Specified timings & providing Programming attendance, Street cable & Street light Main boards, Furnishing maintenance records, every day etc, complete as per the above enclosed Estimate & Street lights detailed Extension documents for 90 W LED Street light lighting System.						
		W1 No's 5785	114.75	× 1 months	=	132824.75.	
					Total	2923360.09.	
	① 12% GST Deduction					(-) 350323.21	
	② 18% GST Add					257276.88.	
	③ Five Purposed for the works of Up Grading Existing Lights					(+) 46309.24	
	④ 2% deduction for Selected Street lights					303586.72	
						300.00	
					Overall Deductions	8071.73	
					Grand total	296714.92.	

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. 689847

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Errors total	296714.92

Certificate

① The above said monthly maintenance work has been carried out satisfactorily.

② The amount claimed in this bill has not been claimed in any of the previous bill.

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Scanned with OKEN Scanner

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Audited and admitted for Rs. 303587

Passed by Cheque for Rs. 284550

(Two lakh eighty four thousand five hundred & fifty only

by adjustment Rs. 19037.

Accounts Superintendent

Exe. Engr. (Ele)

B.B.M.P. Division

Scanned with OKEN Scanner